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Patent Docket No.: 6072.210-US

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Allan Svendsen

Confirmation No: 3239

Serial No.: 09/996,024

Group Art Unit: 1631

Filed: November 16, 2001

Examiner: To be assigned

For: Pullulanase Variants and Methods for Preparing Such Variants With Predetermined Properties

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Before examination, please amend the above-identified application as follows (a marked up version pursuant to 37 C.F.R. 1.21 is attached hereto):

Please add the following Abstract:

--ABSTRACT

NE
The present invention relates to pullulanase variants, wherein the variants have improved properties, for example, altered pH optimum, improved thermostability, altered substrate specificity, increased specific activity or altered cleavage pattern. The present invention also relates to methods of making pullulanase variants having at least one altered property based on the three-dimensional structure of a parent pullulanase.


REMARKS

This amendment is submitted to add an Abstract. There is no new matter added, and entry of the amendment is respectfully requested.

The Examiner is hereby invited to contact the undersigned by telephone if there are any questions concerning this amendment or application.

Respectfully submitted,

Date: May 31, 2002


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